



magnecord

RECORDER/REPRODUCER

1022

new Transistorized

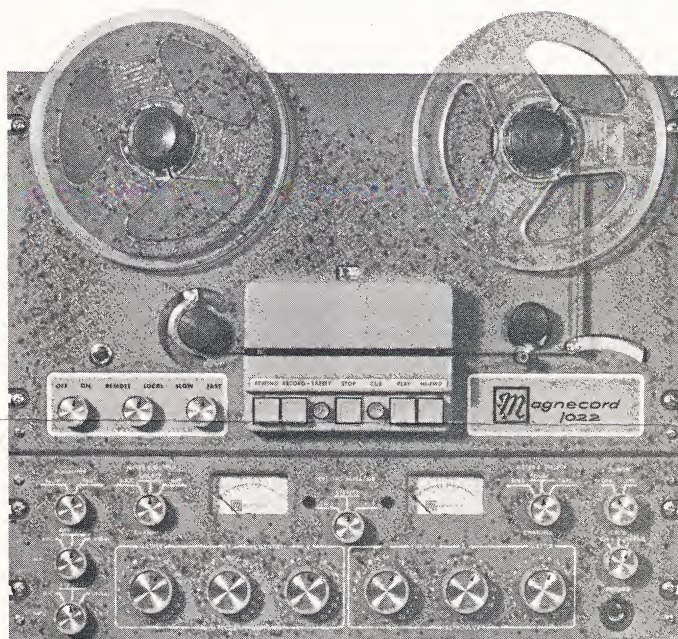
When writing about the New Magnecorder model 1022 it would be easy to slip into superlatives, and probably we will. Name anything *you'd* like in a recorder and you'll find it in the list of features on the back of this page.

More than features, you'll find the real satisfaction of a job well done when you make a recording on the 1022.

The New Magnecorder model 1022 has no gadgets, only necessities. Knobs it has, one where ever a knob is needed. And those that aren't pre-set you'll find easy to turn. They're supposed to be.

Don't worry about loading thin tape on the gem, either. It will reel from payout reel and back again with never a stretch or break. You *might* break a tape if you tried deliberately, but we do not recommend using your time that way.

ONLY
\$739⁰⁰



And those cool transistors. Not only cool, but quiet and very reliable. Power consumed by the electronics is less than twenty watts. The power supply is regulated so it can cope. Cope with both line voltage and load variations.

You could spend a lot of time looking for a recorder/reproducer with lower wow and flutter and *not* find one.

There are a good number of things we could tell you about the New Magnecorder model 1022 and all of them are nice. After you've used your 1022 for a while there will be lots of nice things you can tell us and we hope you'll write.

So put yourself at ease and buy a New Magnecorder Model 1022. You'll be glad you did. Manufactured, with pride and care, in the United States.

Copyright, 1964

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MIDWESTERN INSTRUMENTS

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1022

SPECIFICATIONS

TAPE SPEEDS: 7.5 and 15 inches per second.

FLUTTER AND WOW: 0.17% at 7.5 ips; 0.15% at 15 ips.

TIMING ACCURACY: $\pm 0.2\%$.

REEL SIZE: 5-, 7- and 8-inch E.I.A. hubs.

REWIND TIME: 1200 feet in 80 seconds.

FREQUENCY RESPONSE – OVERALL

RECORD/REPRODUCE:

30 to 16,000 cps ± 2 db at 7.5 ips;

35 to 22,000 cps ± 2 db at 15 ips.

SIGNAL-TO-NOISE RATIO: 53db, both speeds.

INPUTS PER CHANNEL: Lo-Z microphone, balanced bridge, unbalanced bridge, auxiliary bridge.

OUTPUTS PER CHANNEL: 150/600-ohm balanced, auxiliary A and auxiliary B unbalanced (+4 dbm).

HEADS: Selectable 2-channel Erase, 2-channel Record, 2-channel Play and $\frac{1}{4}$ -track Play.

WEIGHT: Transport 33 pounds;
Amplifier 14 pounds.

DIMENSIONS: Transport, 19" wide, 10 $\frac{1}{2}$ " high, 7 $\frac{1}{4}$ " deep;
Amplifier, 19" wide, 5 $\frac{1}{4}$ " high, 12" deep;
Transport Reel Overhang, 1 $\frac{3}{4}$ ".

PRICE: \$739.00.

ACCESSORIES: Transport Carrying Case \$30.00.
Amplifier Carrying Case \$30.00.

1022

FEATURES

- Solid state electronics with regulated power supply
- In-built input and output transformers
- Front panel input selectors
- Monitoring from tape or source
- Simultaneous record and playback
- Modular construction
- N.A.B. standard switchable equalization
- Auxiliary unbalanced inputs
- Auxiliary unbalanced outputs
- Broadcast standard input and output connectors
- Durable, easily cleaned and easy-on-the-eye vinyl finish
- Large "operator" type knobs
- Standard readily available transistors and components
- Earphone monitoring – switchable for stereo or mono
- V. U. meter for record-playback level – one per channel
- Solid die-cast transport top-plate
- Easy remote "Start-Stop" control
- Local-remote front panel switch
- Pushbutton transport controls
- Record safety interlock
- New "cue" transport control
- Large rugged hardened stainless steel capstan
- Ball bearing inertial stabilizer
- Pay-out compliance arm and tape break shut-off
- Capstan motor stops when tape runs out.
- Take-up compliance arm
- Individual reel drive motors
- Military type differential band brakes
- Superior tape guiding
- Double flywheel capstan drive
- Two speed hysteresis synchronous capstan motor
- Signal switching available at remote socket
- Solenoid operated tape gate, brakes and pressure roller
- Safely handles all thin tapes
- $\frac{1}{4}$ track playback head (switch selectable) integral
- Separate channel gain controls – both record and playback
- Channel tally lights in record mode